

LISTING OF CLAIMS

1. (Currently amended) A print medium comprising:
an ink-receiving layer and a coated, absorptive paperbase selected
5 from the group consisting of coated, calendered paper; coated, uncalendered
paper and cast coated paper; the ink-receiving layer being present on the
coated paperbase from about 3 grams per square meter to about 7 grams per
square meter, and the coated paperbase having a Sheffield smoothness less
than approximately 20 and a Sheffield porosity less than approximately 10.
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2. (Previously Presented) The print medium of claim 1, wherein the ink-
receiving layer is present from approximately 4 grams per square meter to
approximately 6 grams per square meter.
- 15 3. (Original) The print medium of claim 1, wherein the ink-receiving
layer comprises at least one water-soluble polymer, a cross-linking agent, a
mordant, inorganic particles, and at least one surfactant.
- 20 4. (Original) The print medium of claim 3, wherein the at least one wa-
ter-soluble polymer comprises at least one polyvinyl alcohol; the cross-linking
agent comprises boric acid; the mordant comprises a least one of diallyldi-
methyl-ammonium chloride, a cationic latex, or aluminum triformate; and the
inorganic particles comprise cationic, superfine colloidal silica.
- 25 5. (Canceled)

6. (Previously Presented) The print medium of claim 3, wherein the at least one surfactant comprises at least one nonionic, organosilicone surfactant.

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7. (Previously Presented) The print medium of claim 3, wherein the at least one surfactant is at least one polysiloxane-polyethylene oxide compound or at least one polysiloxane-polyethylene oxide polypropylene oxide compound.

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8. (Canceled)

9. (Withdrawn—currently amended) A method of forming a print medium having improved image quality and permanence, comprising:

15 providing a coated paperbase selected from the group consisting of coated, calendered paper; coated, uncalendered paper and cast coated paper; and

applying an ink-receiving layer to the coated paperbase at less than approximately 10 grams per square meter, the coated paperbase having a
20 Sheffield smoothness less than approximately 20 and a Sheffield porosity less than approximately 10.

10. (Canceled)

11. (Withdrawn) The method of claim 9, wherein applying an ink-receiving layer to the coated paperbase at less than approximately 10 grams per square meter comprises applying the ink-receiving layer from approximately 3 grams per square meter to approximately 7 grams per square meter.

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12. (Withdrawn) The method of claim 9, wherein applying an ink-receiving layer to the coated paperbase at less than approximately 10 grams per square meter comprises applying a coating composition comprising at least one water-soluble polymer, a cross-linking agent, a mordant, inorganic particles, and at least one surfactant.

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13. (Withdrawn) The method of claim 12, wherein applying an ink-receiving layer to the coated paperbase at less than approximately 10 grams per square meter comprises applying a coating composition comprising at least one polyvinyl alcohol; boric acid; at least one of diallyldimethylammonium chloride, a cationic latex, or aluminum trifluoride; cationic superfine colloidal silica; and at least one polysiloxane-polyethylene oxide compound.

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14. (Withdrawn) The method of claim 12, wherein applying an ink-receiving layer to the coated paperbase at less than approximately 10 grams per square meter comprises applying the ink-receiving layer from approximately 4 grams per square meter to approximately 6 grams per square meter.

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15. (Withdrawn) The method of claim 9, wherein applying an ink-receiving layer to the coated paperbase at less than approximately 10 grams

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per square meter comprises coating the ink-receiving layer on the coated paperbase at less than approximately 10 grams per square meter.

16. (Withdrawn—currently amended) A method of printing an image
 5 having improved image quality and permanence, comprising:
 providing a print medium comprising
 a coated paperbase selected from the group consisting of coated, cal-
endered paper; coated, uncalendered paper and cast coated paper;
 and an ink-receiving layer present on the coated paperbase at less
 10 than approximately 10 grams per square meter, the coated paperbase having
 a Sheffield smoothness less than approximately 20 and a Sheffield porosity
 less than approximately 10; and
 printing the image on the print medium.

- 15 17. (Canceled)

18. (Withdrawn) The method of claim 16, wherein providing a print medium comprising a coated paperbase and an ink-receiving layer present on the coated paperbase at less than approximately 10 grams per square meter
 20 comprises providing the ink-receiving layer on the coated paperbase from
 approximately 3 grams per square meter to approximately 7 grams per square meter.

19. (Withdrawn) The method of claim 16, wherein providing a print medium comprising a coated paperbase and an ink-receiving layer present on
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the coated paperbase at less than approximately 10 grams per square meter comprises providing the ink-receiving layer comprising at least one water-soluble polymer, a cross-linking agent, a mordant, inorganic particles, and at least one surfactant.

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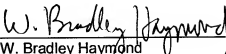
20. (Withdrawn) The method of claim 16, wherein providing a print medium comprising a coated paperbase and an ink-receiving layer present on the coated paperbase at less than approximately 10 grams per square meter comprises providing the ink-receiving layer comprising at least one polyvinyl alcohol; boric acid; at least one of diallyldimethylammonium chloride, a cationic latex, or aluminum trifluoride; cationic, superfine colloidal silica; and at least one polysiloxane-polyethylene oxide compound.
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Respectfully submitted,

Chen

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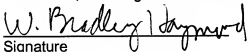
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